

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-8 (Canceled).

Claim 9 (Original): An inspecting apparatus for inspecting a performance of a variety of circuit baseboards, comprising:

a programmable logic device (PLD) configured to inspect a circuit baseboard based upon a signal transmitted from the circuit baseboard;

a file storing device configured to store a plurality of PLD files;

a correspondence assigning device configured to assign correspondence of a PLD file to a type of a circuit baseboard to be loaded with the PLD file;

a registering memory configured to store information of the correspondence;

a displaying device configured to display a list of the circuit baseboards;

a determining device configured to determine a type of a circuit baseboard selected from the list via the displaying device; and

a PLD file specifying device configured to refer to the correspondence information of the registering memory and specify an applicable PLD file based upon the circuit baseboard type; and

a loading device configured to load the PLD with the applicable PLD file.

Claim 10 (Original): An inspecting apparatus for inspecting a performance of a variety of circuit baseboards, comprising:

a PLD configured to inspect a circuit baseboard based upon a signal from the circuit baseboard;

a PLD file storing device configured to store a plurality of PLD files;

a correspondence assigning device configured to assign correspondence of a PLD file to a circuit baseboard to be loaded with the PLD file;

a registering memory configured to store information of the correspondence;

an ID reading device configured to read identification information and determine a circuit baseboard, said identification information being previously included in the inspection objective baseboard; and

a specifying device configured to refer to the correspondence information and specify a PLD file based on the circuit baseboard determined by the ID reading device; and

a loading device configured to load the prescribed PLD with the applicable PLD file.

Claim 11 (Original): An inspecting apparatus for inspecting a performance of a variety of circuit baseboards, comprising:

a PLD circuit configured to inspect a circuit baseboard based upon a signal from the circuit baseboard;

a PLD file storing device configured to store a plurality of PLD files;

a correspondence assigning device configured to assign correspondence of a PLD file to a circuit baseboard to be loaded with the PLD file;

a registering memory configured to store information of the correspondence;

an ID determination device configured to read identification information and determine a circuit baseboard, said identification information previously included in the circuit baseboard;

a display device configured to display a list of a plurality of circuit baseboards;

a determining device configured to determine a type of a circuit baseboard selected from the list;

an accordance determining device configured to determine accordance of the type of the circuit baseboard specified by the circuit board determining device with that determined by the ID reading device; and

a PLD file loading device configured to refer to the correspondence information and specify an applicable PLD file in accordance with the type of the circuit baseboard from the registering memory when said determination result is positive; and

a loading device configured to load the PLD with the applicable PLD file.

Claim 12 (Previously Presented): The inspecting apparatus according to any one of claims 9 to 10, further comprising:

an item list displaying device configured to display a list of items to be inspected;
wherein said PLD file specifying device specifies an applicable PLD file in accordance with the inspection items selected from the item list.

Claim 13 (Previously Presented): The inspecting apparatus according to any one of claims 9 to 10, further comprising:

an inspection item extracting device configured to extract an inspection item from a program file to be inspected;

wherein, said PLD file specifying device specifies an applicable PLD file in accordance with the inspection items extracted by the inspection item extracting device.

Claim 14 (Original): The inspecting apparatus according to any one of claims 9 to 10, further comprising:

a load completed PLD file determining device configured to determine if a prescribed PLD file has been loaded in a PLD currently performing inspection; and

an additional PLD file specifying device configured to specify at least one unused PLD file lacking for an inspection receiving circuit baseboard, based upon the determination of the load completed PLD file determining device when a different type of a circuit baseboard is to be inspected;

wherein said PLD file specifying device reads a PLD file determined as lacking from the PLD file storing device, and said loading device deletes a PLD file determined as being disused in the PLD.

Claim 15 (Original): The inspecting apparatus according to claim 14, further comprising a log obtaining device configured to obtain log information when said PLD is loaded with the PLD file, wherein said load completed PLD file determining device determines if the PLD file has been loaded to the PLD of the inspection circuit based upon the log information.

Claim 16 (Original): The inspecting apparatus according to any one of claims 9 to 10, further comprising a circuit baseboard type determining device configured to determine sameness of successive circuit baseboards,

wherein the PLD used in the inspection for the former circuit baseboard inspects the latter one when said sameness determination is positive.

Claims 17-22 (Canceled).

Claim 23 (Currently Amended): A general-purpose inspecting system for inspecting an object connected to an input/output interface using a command, comprising:

a software recomposing section configured to recompose a software of inspection use in accordance with a type of the object; and

means for reading inspection progress information related to the object during simulation, said means for reading displays a resultant on a screen of a display unit;

~~means for displaying respective inspection items to be inspected on the screen in an order of the execution; and~~

~~means for selectively setting and resetting a breakpoint, said breakpoint halting inspection of a corresponding item;~~

~~wherein the inspection operation configured to continuously inspect items one after another is halted where the breakpoint is set by the means for selectively setting and resetting.~~

Claim 24 (Canceled).

Claim 25 (Currently Amended): The system according to claim 48 [[23]], wherein said means for setting and resetting is set in a unit of a command used in the inspection.

Claim 26 (Previously Presented): The system according to either one of claims 23 or 25, further comprising means for individually inspecting prescribed items based on an instruction.

Claim 27 (Previously Presented): The system according to claim 25, further comprising means for acquiring and means for displaying inspection receiving data related to the inspection object on the screen when said inspection is halted.

Claim 28 (Original): The system according to claim 27, further comprising means for changing said inspection receiving data displayed on the screen based on an input.

Claim 29 (Original): The system according to claim 28, further comprising means for storing said inspection receiving data in a storage device.

Claim 30 (Original): The system according to claim 29, further comprising means for replacing inspection receiving data presently displayed on the screen with the inspection receiving data stored in the storage device.

Claim 31 (Original): The system according to claim 23, wherein said means for reading functions to debug and analyze the inspection receiving data.

Claim 32 (Previously Presented): A computer readable storage medium storing program instructions for execution on a computer system, which when executed by the computer system cause the computer system to perform a method to inspect an object connected to an input/output interface using a command, the method comprising:

- recombining an inspection software based on a type of the object;
- displaying respective inspection items to be inspected on a screen in order of execution;
- providing a plurality of object buttons for inspection items on the screen;
- selectively setting a breakpoint in at least one prescribed one of the object buttons;
- continuously inspecting items one after another;
- halting inspection regarding a prescribed inspection item corresponding to the set breakpoint;

reading inspection progress information related to the object during a simulation; and
displaying a resultant on a screen.

Claim 33 (Currently Amended): A method for inspecting an object connected to an
input/output interface using a command, comprising the steps of:

recombining an inspection software based on a type of the object;
reading inspection progress information related to the object during a simulation; and
displaying a resultant on a screen;
~~displaying inspection commands on the screen in order of execution; providing a~~
~~plurality of object buttons in accordance with the inspection commands on the screen;~~
~~selectively setting a breakpoint in a prescribed at least one of the object buttons;~~
~~continuously inspecting items one after another; and~~
~~halting inspection at the breakpoint in the prescribed object button.~~

Claim 34 (Canceled).

Claim 35 (Previously Presented): The method according to claim 33, further
comprising the steps of inspecting prescribed items one by one on the basis of an instruction.

Claim 36 (Previously Presented): The method according to claim 33, further
comprising the steps of:

acquiring inspection receiving data related to the object; and
displaying inspection receiving data on the screen when said inspection is halted.

Claim 37 (Previously Presented): The method according to claim 33, further comprising the step of inspecting a peripheral unit step by step based on an instruction from an input unit.

Claim 38 (Original): The method according to claim 37, further comprising the step of changing the inspection receiving data displayed on the screen based on an input.

Claim 39 (Currently Amended): The method according to claim 37, further comprising ~~means for~~ storing said inspection receiving data in a storage device.

Claim 40 (Currently Amended): The method according to claim 39, further comprising ~~means for~~ replacing inspection receiving data displayed on the screen with the inspection receiving data stored in the storage device.

Claim 41 (Canceled).

Claim 42 (Original): A general-purpose inspecting system, comprising:
a controlled device configured to perform a prescribed function;
an interface section configured to indicate a status of the controlled device;
a control processor configured to inspect the controlled device by transmitting a prescribed command to the controlled device; and
means for determining in advance to transmission of the prescribed command whether an execution result of command processing will be abnormal by accessing the interface section and acquiring information of status of the controlled device.

Claim 43 (Original): The system according to claim 42, further comprising means for indicating the status of the controlled device by polling the interface section.

Claim 44 (Original): The system according to claim 42, further comprising means for indicating the status of the controlled device by causing an interrupt from the interface section.

Claims 45 and 46 (Canceled).

Claim 47 (Previously Presented): A general-purpose inspecting method, comprising the steps of:

- awaiting user input;
- transmitting a prescribed command to a controlled device;
- causing the controlled device to execute processing the prescribed command;
- receiving a prescribed command resultant;
- displaying a content of the prescribed command resultant at a control processor site;
- determining if a transient phenomenon occurs when a controlled device transmits acknowledge;
- repeatedly transmitting the prescribed command until the transient phenomenon is terminated from said controlled device; and
- awaiting user input after termination of the transient phenomenon.

Claim 48 (New): The general-purpose inspecting system according to claim 23, further comprising:

means for displaying respective inspection items to be inspected on the screen in an order of the execution; and

means for selectively setting and resetting a breakpoint, said breakpoint halting inspection of a corresponding item,

wherein the inspection operation configured to continuously inspect items one after another is halted where the breakpoint is set by the means for selectively setting and resetting.

Claim 49 (New): The method according to claim 33 further comprising:
displaying inspection commands on the screen in order of execution;
providing a plurality of object buttons in accordance with the inspection commands on the screen;

selectively setting a breakpoint in a prescribed at least one of the object buttons;

continuously inspecting items one after another; and

halting inspection at the breakpoint in the prescribed object button.